# **511 Requisition**

# Functional Group ID= RN

#### **Introduction:**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Requisition Transaction Set (511) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to requisition needed material and equipment from a supply distribution system for immediate consumption or stockage against projected requirements. The originator can also use this transaction set to inquire about the status of, amend, or terminate the original requisition. This transaction set may be used to convey a description and quantity of the required material, delivery and billing information, and other logistics information necessary to evaluate and meet the material needs of the originator. This transaction set is not used to establish a contractual relationship between trading partners, and may precede the use of a purchase order.

#### **Notes:**

- 1. Organizations use this transaction set to order items of supply, to refer transactions to another supply source for processing, and to transmit misrouted transactions between supply sources.
- 2. Use a single occurrence of this transaction set to transmit single or multiple requisitions to one or more supply sources.
- 3. A single transaction set may contain a combination of requisitions for standard and nonstandard material.
- 4. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: http://www.dla.mil/j-6/dlmso. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

## **Heading:**

| <b>Page No.</b> 4 | Pos.<br><u>No.</u><br>010 | Seg.<br><u>ID</u><br>ST | <u>Name</u><br>Transaction Set Header        | Req.<br>Des.<br>M | <u><b>Max.Use</b></u> 1 | Loop<br><u>Repeat</u> | Notes and Comments |
|-------------------|---------------------------|-------------------------|--|-------------------|-------------------------|-----------------------|--------------------|
| 5                 | 020                       | BR                      | Beginning Segment for Material<br>Management | M                 | 1                       |                       |                    |
| Not Used          | 030                       | G62                     | Date/Time                                    | O                 | 10                      |                       |                    |
| Not Used          | 040                       | NTE                     | Note/Special Instruction                     | O                 | 10                      |                       |                    |
|                   |                           |                         | LOOP ID - LM                                 | •                 |                         | 50                    |                    |
| Not Used          | 050                       | LM                      | Code Source Information                      | O                 | 1                       |                       | n1                 |
| Not Used          | 060                       | LQ                      | Industry Code                                | M                 | 100                     |                       |                    |
|                   |                           |                         | LOOP ID - N1                                 |                   |                         | 20                    |                    |
| 7                 | 070                       | N1                      | Name   | M                 | 1                       |                       | n2                 |

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| Not Used | 080 | N2  | Additional Name Information | O | 2 |
|----------|-----|-----|-----------------------------|---|---|
| Not Used | 090 | N3  | Address Information         | O | 2 |
| Not Used | 100 | N4  | Geographic Location         | O | 1 |
| 9        | 110 | G61 | Contact                     | O | 5 |

# **Detail:**

| Page<br><u>No.</u> | Pos.<br><u>No.</u> | Seg.<br><u>ID</u> | Name                                     | Req.<br>Des. | Max.Use  | Loop<br>Repeat | Notes and<br>Comments |
|--------------------|--------------------|-------------------|--|--------------|----------|----------------|-----------------------|
| 11                 | 010                | LX                | LOOP ID - LX                             | 0            | 1        | >1             |                       |
| 12                 |                    | N9                | Assigned Number Reference Identification | M            | >1       |                |                       |
| 14                 | 020                | PO1               | Baseline Item Data                       | M<br>O       | >1       |                |                       |
| Not Used           | 030<br>050         | PWK               |  | 0            | 1        |                |                       |
| 17                 | 060                | DD                | Paperwork Demand Detail                  | 0            | 100      |                |                       |
| 17                 | 070                | GF                | Furnished Goods and Services             |              | 100      |                |                       |
|                    |                    |                   | Date/Time                                | 0            | 20       |                |                       |
| 21<br>Not Used     | 080                | G62               |  | 0            | 5        |                |                       |
|                    | 090                | MAN               | Marks and Numbers                        | 0            |          |                |                       |
| 23                 | 100                | LIN               | Item Identification                      | 0            | >1       |                |                       |
| 28                 | 105                | MEA               | Measurements                             | 0            | >1       |                |                       |
| 32                 | 110                | G69               | Line Item Detail - Description           | 0            | >1       |                |                       |
| 33                 | 120                | NTE               | Note/Special Instruction                 | O            | >1       | <b>50</b>      |                       |
| 2.4                | 120                | * > 4             | LOOP ID - LM                             | 0            | 1        | 50             |                       |
| 34                 | 130                | LM                | Code Source Information                  | 0            | 1        |                |                       |
| 35                 | 140                | LQ                | Industry Code                            | M            | 100      |                |                       |
|                    |                    |                   | LOOP ID - QTY                            |              |          | >1             |                       |
| Not Used           | 150                | QTY               | Quantity                                 | О            | 1        |                | n3                    |
|                    |                    |                   | LOOP ID - LM                             |              |          | 50             |                       |
| Not Used           | 160                | LM                | Code Source Information                  | O            | 1        |                |                       |
| Not Used           | 170                | LQ                | Industry Code                            | M            | 100      |                |                       |
|                    |                    |                   | LOOP ID - N1                             |              |          | 100            |                       |
| 37                 | 180                | N1                | Name                                     | O            | 1        |                | n4                    |
| 39                 | 190                | N2                | Additional Name Information              | O            | 2        |                |                       |
| 40                 | 200                | N3                | Address Information                      | O            | 2        |                |                       |
| 41                 | 210                | N4                | Geographic Location                      | O            | 1        |                |                       |
| Not Used           | 215                | G61               | Contact                                  | O            | 5        |                |                       |
|                    |                    |                   | LOOP ID - REF                            |              | <u> </u> | >1             |                       |
| 42                 | 220                | REF               | Reference Identification                 | О            | 1        |                | n5                    |
| Not Used           | 230                | G62               | Date/Time                                | O            | 10       |                |                       |
| 44                 | 240                | N9                | Reference Identification                 | O            | >1       |                |                       |
| 46                 | 250                | N1                | Name                                     | O            | 1        |                |                       |
| Not Used           | 260                | R4                | Port or Terminal                         | O            | 1        |                |                       |
|                    |                    |                   | LOOP ID - LM                             |              |          | 50             |                       |
| Not Used           | 270                | LM                | Code Source Information                  | О            | 1        |                |                       |
| Not Used           | 280                | LQ                | Industry Code                            | M            | 100      |                |                       |
|                    |                    | •                 | LOOP ID - FA1                            |              |          | >1             |                       |
|                    |                    |                   | LOOI ID-TAI                              |              |          | >1             |                       |

| 50 | 290 | SE  | Transaction Set Trailer           | M | 1  | ı |
|----|-----|-----|-----------------------------------|---|----|---|
| 48 | 286 | FA2 | Accounting Data                   | M | >1 |   |
| 47 | 285 | FA1 | Type of Financial Accounting Data | O | 1  |   |

# **Transaction Set Notes**

- 1. The LM loop identifies logistic data common to the entire transaction set.
- 2. The N1 loop identifies name and or address information common to the entire transaction set.
- **3.** Each iteration of the QTY loop qualifies a portion of the total quantity ordered with particular logistics information codes.
- 4. The N1 loop identifies the name and address information unique to each use of the LX loop.
- **5.** The REF loop conveys serial and lot number inventory data.

Segment: ST Transaction Set Header

**Position:** 010

Loop:

Level: Heading Usage: Mandatory

Max Use: 1

**Purpose:** To indicate the start of a transaction set and to assign a control number

**Syntax Notes:** 

**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the

interchange partners to select the appropriate transaction set definition (e.g.,

810 selects the Invoice Transaction Set).

**Comments:** 

| M | Ref.<br><u>Des.</u><br>ST01 | Data <u>Element</u> 143 | Name<br>Transaction Set Identifier Code  | Attributes M ID 3/3 |  |  |  |  |
|---|-----------------------------|-------------------------|--|---------------------|--|--|--|--|
|   |                             |                         | Code uniquely identifying a Transaction Set  |                     |  |  |  |  |
|   |                             |                         | Requisition  |                     |  |  |  |  |
| M | ST02                        | 329                     | <b>Transaction Set Control Number</b>  | M AN 4/9            |  |  |  |  |
|   |                             |                         | Identifying control number that must be unique within the transactifunctional group assigned by the originator for a transaction set |                     |  |  |  |  |
|   |                             |                         | A unique number assigned by the originator of the the originator's application program.  | ransaction set, or  |  |  |  |  |

Segment: **BR** Beginning Segment for Material Management

**Position:** 020

Loop:

Level: Heading Usage: Mandatory

Max Use: 1

**Purpose:** To indicate the beginning of a material management transaction and transmit

identifying numbers and dates

**Syntax Notes:** 1 If BR05 is present, then BR04 is required.

2 If either BR07 or BR08 is present, then the other is required.
3 If either BR10 or BR11 is present, then the other is required.

**Semantic Notes:** 1 BR03 is the date of the transaction set preparation.

2 BR09 is the time of the transaction set preparation

**Comments:** 

|          | Ref.<br>Des. | Data<br>Element | Name Name                    | Ziomene Summing  | Att    | ributes       |
|----------|--------------|-----------------|------------------------------|--|--------|---------------|
| M        | BR01         | 353             |                              | n Set Purpose Code                                       |        | ID 2/2        |
|          |              |                 |                              | Code identifying purpose of transaction set              |        |               |
|          |              |                 | 00                           | Original   |        |               |
|          |              |                 | 77                           | Simulation Exercise                                      |        |               |
| M        | BR02         | 640             | Transaction                  | n Type Code  | M      | ID 2/2        |
|          |              |                 | Code specify                 | ying the type of transaction                             |        |               |
|          |              |                 | A0                           | Requisition  |        |               |
|          |              |                 | BM                           | Requisition Passing Order                                |        |               |
|          |              |                 | BN                           | Requisition Referral Order                               |        |               |
| M        | BR03         | 373             | Date                         |  | M      | <b>DT 8/8</b> |
|          |              |                 | Date express                 | sed as CCYYMMDD  |        |               |
|          |              |                 | This date co                 | rresponds to the Universal Time Coordinate               | (UT    | <i>C</i> ).   |
| Not Used | BR04         | 67              | Identification               | on Code  | X      | AN 2/80       |
|          |              |                 | Code identif                 | ying a party or other code                               |        |               |
| Not Used | BR05         | 66              | Identification               | on Code Qualifier  | 0      | ID 1/2        |
|          |              |                 | Code design<br>Identificatio | ating the system/method of code structure usen Code (67) | ed for | •             |
|          |              |                 | Refer to 004                 | 010 Data Element Dictionary for acceptable               | code   | values.       |
| Not Used | <b>BR06</b>  | 306             | <b>Action Code</b>           | e  | 0      | ID 1/2        |
|          |              |                 | Code indicat                 | ting type of action                                      |        |               |
|          |              |                 | Refer to 004                 | 010 Data Element Dictionary for acceptable               | code   | values.       |
| Not Used | <b>BR07</b>  | 128             | Reference I                  | dentification Qualifier                                  | X      | ID 2/3        |
|          |              |                 | Code qualify                 | ying the Reference Identification                        |        |               |
|          |              |                 | Refer to 004                 | 010 Data Element Dictionary for acceptable               | code   | values.       |

| Not Used | BR08 | 127  | Reference Identification  | X       | AN 1/30   |  |  |  |
|----------|------|------|---|---------|-----------|--|--|--|
|          |      |      | Reference information as defined for a particular Transac<br>specified by the Reference Identification Qualifier  | ction S | Set or as |  |  |  |
| Must Use | BR09 | 337  | Time  | O       | TM 4/8    |  |  |  |
|          |      |      | Time expressed in 24-hour clock time as follows: HHMM, or HHMMS: or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minut (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredth (00-99) |         |           |  |  |  |
|          |      |      | 1. Express the originating activity's time in UTC.  |         |           |  |  |  |
|          |      | 4.00 | 2. Express time in a four-position (HHMM) format.   |         |           |  |  |  |
| Not Used | BR10 | 128  | Reference Identification Qualifier  | X       | ID 2/3    |  |  |  |
|          |      |      | Code qualifying the Reference Identification  |         |           |  |  |  |
|          |      |      | Refer to 004010 Data Element Dictionary for acceptable  | code    | values.   |  |  |  |
| Not Used | BR11 | 127  | Reference Identification  | X       | AN 1/30   |  |  |  |
|          |      |      | Reference information as defined for a particular Transac<br>specified by the Reference Identification Qualifier  | ction S | Set or as |  |  |  |

Segment: N1 Name

**Position:** 070

**Loop:** N1 Mandatory

Level: Heading Usage: Mandatory

Max Use: 1

**Purpose:** To identify a party by type of organization, name, and code

**Syntax Notes:** 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:** 

**Comments:** 1 This segment, used alone, provides the most efficient method of providing

organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

2 N105 and N106 further define the type of entity in N101.

Notes: Must use this 1/N1/070 loop to identify the organization originating the

transaction set.

|          | Ref. | Data           |                                      |  |            |                |  |  |  |
|----------|------|----------------|--------------------------------------|--|------------|----------------|--|--|--|
|          | Des. | <b>Element</b> | <u>Name</u>                          |  | <u>Att</u> | <u>ributes</u> |  |  |  |
| M        | N101 | 98             | <b>Entity Identifier</b>             | Code   | M          | ID 2/3         |  |  |  |
|          |      |                | Code identifying a an individual     | an organizational entity, a physical locat         | ion, p     | property or    |  |  |  |
|          |      |                | 1. Use only one of                   | 1. Use only one of codes OB, Z5 or ZL.             |            |                |  |  |  |
|          |      |                | 2. Following is a                    | 2. Following is a list of preferred codes.         |            |                |  |  |  |
|          |      |                | OB                                   | Ordered By   |            |                |  |  |  |
|          |      |                | Z5                                   | Management Control Activity                        |            |                |  |  |  |
|          |      |                | ZL                                   | Party Passing the Transaction                      |            |                |  |  |  |
| Not Used | N102 | 93             | Name                                 |  | X          | AN 1/60        |  |  |  |
|          |      |                | Free-form name                       |  |            |                |  |  |  |
| Must Use | N103 | 66             | <b>Identification Code Qualifier</b> |  | X          | ID 1/2         |  |  |  |
|          |      |                | Code designating Identification Cod  | the system/method of code structure use<br>le (67) | ed for     |                |  |  |  |
|          |      |                | 1                                    | D-U-N-S Number, Dun & Bradstreet                   |            |                |  |  |  |
|          |      |                | 9                                    | D-U-N-S+4, D-U-N-S Number with I Suffix            | Four (     | Character      |  |  |  |
|          |      |                | 10                                   | Department of Defense Activity Adda<br>(DODAAC)    | ess C      | Code           |  |  |  |
|          |      |                | A2                                   | Military Assistance Program Address                | Code       | e (MAPAC)      |  |  |  |
|          |      |                | M4                                   | Department of Defense Routing Ident                | ifier      | Code (RIC)     |  |  |  |
| Must Use | N104 | 67             | <b>Identification Co</b>             | de   | X          | AN 2/80        |  |  |  |
|          |      |                | Code identifying a                   | a party or other code                              |            |                |  |  |  |
| Not Used | N105 | 706            | <b>Entity Relationsh</b>             | nip Code   | O          | ID 2/2         |  |  |  |

Code describing entity relationship

Refer to 004010 Data Element Dictionary for acceptable code values.

# Must Use N106 98 Entity Identifier Code

O ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

FR Message From

Must use with the appropriate 1/N101/070 code to indicate the organization cited in N104 is originating the transaction set.

Segment: G61 Contact

**Position:** 110

**Loop:** N1 Mandatory

Level: Heading Usage: Optional

Max Use: 5

**Purpose:** To identify a person or office to whom communications should be directed

**Syntax Notes:** 1 If either G6103 or G6104 is present, then the other is required.

**Semantic Notes:** 

Comments:
Notes:

**1** G6103 qualifies G6104.

1. Use under exceptional circumstances when requiring direct communication with the party originating the transaction set.

2. Use multiple repetitions to identify multiple points of contact or communication numbers. When using multiple repetitions to identify different communication numbers for a single point of contact, repeat the name cited in G6102.

|          |       |                | Data Elemo   | ent Summary   |                            |  |
|----------|-------|----------------|--|---|----------------------------|--|
|          | Ref.  | Data           |  |   |                            |  |
|          | Des.  | <b>Element</b> | <u>Name</u>  |   | <b>Attributes</b>          |  |
| M        | G6101 | 366            | <b>Contact Function</b>  | Code  | M ID 2/2                   |  |
|          |       |                | Code identifying the named   | ne major duty or responsibility of the pe   | rson or group              |  |
|          |       |                | AA   | Authorized Representative   |                            |  |
|          |       |                |  | Use to identify the individual who autrequisition.  | thorized the               |  |
|          |       |                | IC   | Information Contact   |                            |  |
|          |       |                |  | Use to identify the point of contact.   |                            |  |
| M        | G6102 | 93             | Name   |   | M AN 1/60                  |  |
|          |       |                | Free-form name   |   |                            |  |
|          |       |                | required, of the inc<br>spaces between na  | me, first name, middle initial and rate<br>dividual named as point of contact. In<br>me components and periods after initic<br>IMI when a middle initial is not availal | clude blank<br>uls. Do not |  |
| Must Use | G6103 | 365            | <b>Communication N</b>   | Number Qualifier  | X ID 2/2                   |  |
|          |       |                | Code identifying th  | ne type of communication number   |                            |  |
|          |       |                | 1. Use to identify the preferred method of communication in the first repetition. Use additional repetitions when identifying alternate communication methods. |   |                            |  |
|          |       |                | 2. Do not include l  | blank spaces, dashes or parentheses be  | tween numbers.             |  |
|          |       |                | AU   | Defense Switched Network  |                            |  |
|          |       |                |  | Use to identify the DSN telephone nu  | mber.                      |  |

|                 |       |     | EM  | Electronic Mail  |       |             |  |
|-----------------|-------|-----|---|--|-------|-------------|--|
|                 |       |     | EX  | Telephone Extension  |       |             |  |
|                 |       |     |   | Use immediately following codes $AU$ identify a telephone extension.       | , IT  | or TE to    |  |
|                 |       |     | FX  | Facsimile  |       |             |  |
|                 |       |     |   | Use to identify the facsimile (FAX) to number.                             | eleph | none        |  |
|                 |       |     | IT  | International Telephone  |       |             |  |
|                 |       |     |   |  |       |             |  |
|                 |       |     | TE  | Telephone  |       |             |  |
|                 |       |     |   | Use to identify the commercial teleph<br>Include the area code and number. | ione  | number.     |  |
|                 |       |     | TL  | Telex  |       |             |  |
|                 |       |     | TX  | TWX  |       |             |  |
| <b>Must Use</b> | G6104 | 364 | Communication   | Number   | X     | AN 1/80     |  |
|                 |       |     | Complete communications number including country or area code when applicable |  |       |             |  |
|                 | G6105 | 443 | <b>Contact Inquiry</b>  | Reference  | 0     | AN 1/20     |  |
|                 |       |     | Additional reference number or description to clarify a contact number        |  |       |             |  |
|                 |       |     | Use to indicate th  | e office symbol or activity code for the                                   | party | identified. |  |
|                 |       |     |   |  |       |             |  |

Segment: LX Assigned Number

**Position:** 010

**Loop:** LX Optional (Must Use)

Level: Detail

**Usage:** Optional (Must Use)

Max Use: 1

**Purpose:** To reference a line number in a transaction set

Syntax Notes: Semantic Notes:

M

**Comments:** 

Notes: Use as a counter to identify the number of 2/LX/010 loop iterations in the

transaction set.

## **Data Element Summary**

Ref. DataDes.ElementNameAttributesLX01554Assigned NumberM N0 1/6

Number assigned for differentiation within a transaction set

In the first 2/LX/010 loop iteration, cite numeric 1. In each subsequent

loop iteration, increase incrementally by 1.

Segment: N9 Reference Identification

**Position:** 020

**Loop:** LX Optional (Must Use)

Level: Detail
Usage: Mandatory

Max Use: >1

Purpose: To transmit identifying information as specified by the Reference Identification

Qualifier

**Syntax Notes:** 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

3 If either C04003 or C04004 is present, then the other is required.

4 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** 1 N906 reflects the time zone which the time reflects.

N907 contains data relating to the value cited in N902.

**Comments:** 

Notes: 1. Use to identify the transaction number.

2. Use additional repetitions to identify ancillary information related to the requisition.

|          | Ref.                | Data           | Nicon  | •  | <b>A</b> 44 |                   |
|----------|---------------------|----------------|--|--|-------------|-------------------|
| M        | <u>Des.</u><br>N901 | Element<br>128 | Name<br>Reference Id   | lentification Qualifier  |             | ributes<br>ID 2/3 |
| 171      | 11701               | 120            |  | ing the Reference Identification   | 141         | 10 2/3            |
|          |                     |                |  | -  |             |                   |
|          |                     |                | Following is   | a list of preferred codes.   |             |                   |
|          |                     |                | 3H   | Case Number  |             |                   |
|          |                     |                | TN   | Transaction Reference Number   |             |                   |
|          |                     |                | W6   | Federal Supply Schedule Number   |             |                   |
|          |                     |                | WO   | Work Order Number  |             |                   |
| Must Use | N902                | 127            | Reference Id   | lentification  | X           | AN 1/30           |
|          |                     |                |  | Formation as defined for a particular Transact<br>the Reference Identification Qualifier | tion S      | Set or as         |
| Not Used | N903                | 369            | Free-form D  | escription   | X           | AN 1/45           |
|          |                     |                | Free-form de   | scriptive text   |             |                   |
| Not Used | N904                | 373            | Date   |  | 0           | <b>DT 8/8</b>     |
|          |                     |                | Date expresse  | ed as CCYYMMDD   |             |                   |
| Not Used | N905                | 337            | Time   |  | X           | TM 4/8            |
|          |                     |                | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where $H = hours (00-23)$ , $M = minutes (00-59)$ , $S = integer seconds (00-59)$ and $DD = decimal seconds$ ; decimal seconds are expressed as follows: $D = tenths (0-9)$ and $DD = hundredths (00-99)$ |  |             |                   |

| Not Used | N906   | 623  | Time Code   |  | 0            | ID 2/2       |  |
|----------|--------|------|---|--|--------------|--------------|--|
|          |        |      | Organization star<br>indication in hou<br>since + is a restri | Code identifying the time. In accordance with International Stan Organization standard 8601, time can be specified by a + or - an indication in hours in relation to Universal Time Coordinate (UT since + is a restricted character, + and - are substituted by P and codes that follow |              |              |  |
|          |        |      | Refer to 004010   | Data Element Dictionary for acceptable   | code         | code values. |  |
|          | N907   | C040 | Reference Ident   | Reference Identifier   |              |              |  |
|          |        |      | •   | or more reference numbers or identificat<br>Reference Qualifier  | ion nu       | mbers as     |  |
| M        | C04001 | 128  | Reference Ident   | ification Qualifier  | $\mathbf{M}$ | ID 2/3       |  |
|          |        |      | Code qualifying   | Code qualifying the Reference Identification   |              |              |  |
|          |        |      | 43  | Supporting Document Number   |              |              |  |
|          |        |      | 72  | Schedule Reference Number  |              |              |  |
|          |        |      | IX  | Item Number  |              |              |  |
|          |        |      | W1  | Disposal Turn-In Document Number   | •            |              |  |
|          |        |      | W8  | Suffix   |              |              |  |
| M        | C04002 | 127  | Reference Ident   | ification  | M            | AN 1/30      |  |
|          |        |      |   | nation as defined for a particular Transac<br>Reference Identification Qualifier   | ction S      | Set or as    |  |
|          | C04003 | 128  | Reference Ident   | ification Qualifier  | X            | ID 2/3       |  |
|          |        |      | Code qualifying   | the Reference Identification   |              |              |  |
|          |        |      | FJ  | Line Item Control Number   |              |              |  |
|          |        |      | SS  | Split Shipment Number  |              |              |  |
|          | C04004 | 127  | Reference Ident   | ification  | X            | AN 1/30      |  |
|          |        |      |   | nation as defined for a particular Transac<br>Reference Identification Qualifier   | ction S      | Set or as    |  |
|          | C04005 | 128  | Reference Ident   | ification Qualifier  | X            | ID 2/3       |  |
|          |        |      | Code qualifying   | the Reference Identification   |              |              |  |
|          |        |      | Refer to 004010   | Data Element Dictionary for acceptable   | code         | values.      |  |
|          | C04006 | 127  | Reference Ident   | ification  | X            | AN 1/30      |  |
|          |        |      |   | nation as defined for a particular Transac<br>Reference Identification Qualifier   | ction S      | Set or as    |  |

Segment: PO1 Baseline Item Data

**Position:** 030

**Loop:** LX Optional (Must Use)

Level: Detail

**Usage:** Optional (Must Use)

Max Use: >1

**Purpose:** To specify basic and most frequently used line item data

**Syntax Notes:** 1 If PO103 is present, then PO102 is required.

- 2 If PO105 is present, then PO104 is required.
- 3 If either PO106 or PO107 is present, then the other is required.
- 4 If either PO108 or PO109 is present, then the other is required.
- 5 If either PO110 or PO111 is present, then the other is required.
- 6 If either PO112 or PO113 is present, then the other is required.
- 7 If either PO114 or PO115 is present, then the other is required.
- **8** If either PO116 or PO117 is present, then the other is required.
- **9** If either PO118 or PO119 is present, then the other is required.
- **10** If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

## **Semantic Notes:**

#### **Comments:**

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 PO101 is the line item identification.
- 3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

**Notes:** 

Must use this 2/PO1/030 segment to identify the material and other information required to process the requisition.

|          | Ref.  | Data           |  |        |                |  |  |
|----------|-------|----------------|--|--------|----------------|--|--|
|          | Des.  | <b>Element</b> | <u>Name</u>  | Att    | <u>ributes</u> |  |  |
| Not Used | PO101 | 350            | <b>Assigned Identification</b>   | O      | AN 1/20        |  |  |
|          |       |                | Alphanumeric characters assigned for differentiation with set  | in a t | ransaction     |  |  |
| Must Use | PO102 | 330            | <b>Quantity Ordered</b>  | X      | R 1/15         |  |  |
|          |       |                | Quantity ordered   |        |                |  |  |
|          |       |                | <ol> <li>Must use to identify the requisitioned quantity.</li> <li>Express as a whole number with no decimal.</li> </ol> |        |                |  |  |
| Must Use | PO103 | 355            | Unit or Basis for Measurement Code   | O      | ID 2/2         |  |  |
| Wast ese |       |                | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken           |        |                |  |  |
|          |       |                | Use to identify the unit of issue for the material requisition   | oned   |                |  |  |
|          |       |                | Refer to 004010 Data Element Dictionary for acceptable of  | ode    | values.        |  |  |
|          | PO104 | 212            | Unit Price   | X      | R 1/17         |  |  |

|          |       |     | Price per unit of p   | roduct, service, commodity, etc.                |       |              |  |
|----------|-------|-----|---|---|-------|--------------|--|
|          | PO105 | 639 | Basis of Unit Pric  | ce Code   | O     | ID 2/2       |  |
|          |       |     | Code identifying t  | he type of unit price for an item               |       |              |  |
|          |       |     | ES  | Estimated                                       |       |              |  |
|          |       |     | NC  | No Charge                                       |       |              |  |
| Must Use | PO106 | 235 | Product/Service 1   | ID Qualifier                                    | X     | ID 2/2       |  |
|          |       |     | Code identifying t<br>Product/Service II  | he type/source of the descriptive numbe D (234) | r use | d in         |  |
|          |       |     | Following is a list   | t of preferred codes.                           |       |              |  |
|          |       |     | A1  | Plant Equipment Number                          |       |              |  |
|          |       |     | A2  | Department of Defense Identification            | Code  | e (DoDIC)    |  |
|          |       |     | A4  | Subsistence Identification Number               |       |              |  |
|          |       |     | FB  | Form Number                                     |       |              |  |
|          |       |     | FS  | National Stock Number                           |       |              |  |
|          |       |     | FT  | Federal Supply Classification                   |       |              |  |
|          |       |     | MG  | Manufacturer's Part Number                      |       |              |  |
|          |       |     | YP  | Publication Number                              |       |              |  |
|          |       |     | ZZ  | Mutually Defined                                |       |              |  |
| Must Use | PO107 | 234 | Product/Service 1   | ID  | X     | AN 1/48      |  |
|          |       |     | Identifying number  | er for a product or service                     |       |              |  |
|          | PO108 | 235 | Product/Service 1   | ID Qualifier                                    | X     | ID 2/2       |  |
|          |       |     | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |   |       |              |  |
|          |       |     | 1. Use only one o   | f codes CN or ZB to fully identify the n        | nater | ial.         |  |
|          |       |     | 2. Use PO110 and  | l PO111 when both one of CN or ZB at            | nd JI | e is needed. |  |
|          |       |     | CN  | Commodity Name                                  |       |              |  |
|          |       |     | JP  | Package Type Code                               |       |              |  |
|          |       |     | ZB  | Commercial and Government Entity (              | CAG   | E) Code      |  |
|          | PO109 | 234 | Product/Service 1   | ID  | X     | AN 1/48      |  |
|          |       |     | Identifying number  | er for a product or service                     |       |              |  |
|          | PO110 | 235 | Product/Service 1   | ID Qualifier                                    | X     | ID 2/2       |  |
|          |       |     | Code identifying t<br>Product/Service II  | he type/source of the descriptive numbe D (234) | r use | d in         |  |
|          |       |     | Refer to 004010 D   | Oata Element Dictionary for acceptable of       | code  | values.      |  |
|          | PO111 | 234 | Product/Service 1   | ID  | X     | AN 1/48      |  |
|          |       |     | Identifying number  | er for a product or service                     |       |              |  |
| Not Used | PO112 | 235 | Product/Service 1   | ID Qualifier                                    | X     | ID 2/2       |  |
|          |       |     | Code identifying t<br>Product/Service II  | he type/source of the descriptive numbe D (234) | r use | d in         |  |
|          |       |     |   | Data Element Dictionary for acceptable of       | code  | values.      |  |
|          |       |     |   |   |       |              |  |

| Not Used | PO113 | 234 | Product/Service ID  Identifying number for a product or service                     | X     | AN 1/48 |
|----------|-------|-----|---|-------|---------|
| Not Used | PO114 | 235 | Product/Service ID Qualifier  | X     | ID 2/2  |
| Not Oscu | 10114 | 233 | Code identifying the type/source of the descriptive number                          |       |         |
|          |       |     | Product/Service ID (234)  | use   | d III   |
|          |       |     | Refer to 004010 Data Element Dictionary for acceptable c                            | ode   | values. |
| Not Used | PO115 | 234 | Product/Service ID  | X     | AN 1/48 |
|          |       |     | Identifying number for a product or service   |       |         |
| Not Used | PO116 | 235 | Product/Service ID Qualifier  | X     | ID 2/2  |
|          |       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | : use | d in    |
|          |       |     | Refer to 004010 Data Element Dictionary for acceptable c                            | ode   | values. |
| Not Used | PO117 | 234 | Product/Service ID  | X     | AN 1/48 |
|          |       |     | Identifying number for a product or service   |       |         |
| Not Used | PO118 | 235 | Product/Service ID Qualifier  | X     | ID 2/2  |
|          |       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | : use | d in    |
|          |       |     | Refer to 004010 Data Element Dictionary for acceptable c                            | ode   | values. |
| Not Used | PO119 | 234 | Product/Service ID  | X     | AN 1/48 |
|          |       |     | Identifying number for a product or service   |       |         |
| Not Used | PO120 | 235 | Product/Service ID Qualifier  | X     | ID 2/2  |
|          |       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | : use | d in    |
|          |       |     | Refer to 004010 Data Element Dictionary for acceptable c                            | ode   | values. |
| Not Used | PO121 | 234 | Product/Service ID  | X     | AN 1/48 |
|          |       |     | Identifying number for a product or service   |       |         |
| Not Used | PO122 | 235 | Product/Service ID Qualifier  | X     | ID 2/2  |
|          |       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | : use | d in    |
|          |       |     | Refer to 004010 Data Element Dictionary for acceptable c                            | ode   | values. |
| Not Used | PO123 | 234 | Product/Service ID  | X     | AN 1/48 |
|          |       |     | Identifying number for a product or service   |       |         |
| Not Used | PO124 | 235 | Product/Service ID Qualifier  | X     | ID 2/2  |
|          |       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | : use | d in    |
|          |       |     | Refer to 004010 Data Element Dictionary for acceptable c                            | ode   | values. |
| Not Used | PO125 | 234 | Product/Service ID  | X     | AN 1/48 |
|          |       |     | Identifying number for a product or service   |       |         |

Segment: DD Demand Detail

**Position:** 060

**Loop:** LX Optional (Must Use)

Level: Detail
Usage: Optional
Max Use: 100

**Purpose:** To describe the type of demand and the intended use of material

**Syntax Notes:** 1 If DD02 is present, then DD01 is required.

2 If any of DD03 DD04 or DD05 is present, then all are required.

3 If DD06 is present, then DD05 is required.4 If DD10 is present, then DD09 is required.

**Semantic Notes:** 1 DD08 transmits the stock level indicator. A "Y" indicates that the material is

normally carried in stock; an "N" indicates that the material is not normally

stocked.

**Comments:** 

Notes: As an option, use multiple repetitions to stratify the quantity requisitioned by

weapon system and associated demand code. The total quantity identified in all

repetitions must equal the quantity in PO102.

|          |             |                | Data Element Summary   |       |           |
|----------|-------------|----------------|--|-------|-----------|
|          | Ref.        | Data           |  |       |           |
|          | Des.        | <b>Element</b> | <u>Name</u>  | Att   | ributes   |
| Must Use | <b>DD01</b> | 1271           | Industry Code  | X     | AN 1/30   |
|          |             |                | Code indicating a code from a specific industry code list  |       |           |
| Must Use | <b>DD02</b> | 1270           | Code List Qualifier Code   | O     | ID 1/3    |
|          |             |                | Code identifying a specific industry code list   |       |           |
|          |             |                | 74 Demand Code   |       |           |
|          | <b>DD03</b> | 128            | Reference Identification Qualifier   |       | ID 2/3    |
|          |             |                | Code qualifying the Reference Identification   |       |           |
|          |             |                | Q8 Registration Number   |       |           |
|          |             |                | W2 Weapon System Number  |       |           |
|          | <b>DD04</b> | 127            | Reference Identification   | X     | AN 1/30   |
|          |             |                | Reference information as defined for a particular Transact specified by the Reference Identification Qualifier | ion S | Set or as |
|          | <b>DD05</b> | 1271           | Industry Code  | X     | AN 1/30   |
|          |             |                | Code indicating a code from a specific industry code list  |       |           |
|          | <b>DD06</b> | 1270           | Code List Qualifier Code   | O     | ID 1/3    |
|          |             |                | Code identifying a specific industry code list   |       |           |
|          |             |                | 71 Service and Agency Code   |       |           |
|          | <b>DD07</b> | 380            | Quantity   | O     | R 1/15    |
|          |             |                | Numeric value of quantity  |       |           |
| Not Used | <b>DD08</b> | 1073           | Yes/No Condition or Response Code  | O     | ID 1/1    |
|          |             |                | Code indicating a Yes or No condition or response  |       |           |
|          |             |                |  |       |           |

|             |      | Refer to 004010 Data Element Dictionary for acceptable    | code   | de values. |  |  |  |  |
|-------------|------|---|--|------------|--|--|--|--|
| <b>DD09</b> | 1271 | Industry Code   | X  | AN 1/30    |  |  |  |  |
|             |      | Code indicating a code from a specific industry code list |  |            |  |  |  |  |
| DD10        | 1270 | Code List Qualifier Code                                  |  | ID 1/3     |  |  |  |  |
|             |      | Code identifying a specific industry code list            | Code identifying a specific industry code list |            |  |  |  |  |
|             |      | 98 Reason for Requisitioning Code                         |  |            |  |  |  |  |

Segment: **GF** Furnished Goods and Services

**Position:** 070

**Loop:** LX Optional (Must Use)

Level: Detail Usage: Optional

Max Use: 1

**Purpose:** To specify information related to furnished material, equipment, property,

information, and services

**Syntax Notes:** 1 If either GF01 or GF02 is present, then the other is required.

If either GF05 or GF06 is present, then the other is required.
If either GF08 or GF09 is present, then the other is required.

3 If either GF08 or GF09 is present, then the other is re
1 GF04 is the value of government-furnished property.

Semantic Notes: Comments:

Notes: Use in all Government Furnished Material (GFM) related transactions.

|          | Ref.        | Data    |  |       |           |  |  |
|----------|-------------|---------|--|-------|-----------|--|--|
|          | Des.        | Element | Name  D. G. Andrew H. L. A. C. C. A. C.  |       | ributes   |  |  |
|          | GF01        | 128     | Reference Identification Qualifier   | X     | ID 2/3    |  |  |
|          |             |         | Code qualifying the Reference Identification   |       |           |  |  |
|          |             |         | C7 Contract Line Item Number   |       |           |  |  |
|          |             |         | W3 Manufacturing Directive Number  |       |           |  |  |
|          | GF02        | 127     | Reference Identification   | X     | AN 1/30   |  |  |
|          |             |         | Reference information as defined for a particular Transact specified by the Reference Identification Qualifier   | ion S | Set or as |  |  |
|          | GF03        | 367     | Contract Number  | O     | AN 1/30   |  |  |
|          |             |         | Contract number  |       |           |  |  |
| Not Used | GF04        | 782     | Monetary Amount  | 0     | R 1/18    |  |  |
|          |             |         | Monetary amount  |       |           |  |  |
| Not Used | GF05        | 128     | Reference Identification Qualifier   | X     | ID 2/3    |  |  |
|          |             |         | Code qualifying the Reference Identification   |       |           |  |  |
|          |             |         | Refer to 004010 Data Element Dictionary for acceptable c   | ode ' | values.   |  |  |
| Not Used | <b>GF06</b> | 127     | Reference Identification   | X     | AN 1/30   |  |  |
|          |             |         | Reference information as defined for a particular Transact specified by the Reference Identification Qualifier   | ion S | Set or as |  |  |
|          | <b>GF07</b> | 328     | Release Number   | 0     | AN 1/30   |  |  |
|          |             | viou    | sly placed   |       |           |  |  |
|          |             |         | Use to identify the call or order number, or the call or order number including the respective call or order modification, as applicable, when using GF03. |       |           |  |  |
| Not Used | <b>GF08</b> | 128     | Reference Identification Qualifier   | X     | ID 2/3    |  |  |

Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used GF09 127 Reference Identification

X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: G62 Date/Time

**Position:** 080

**Loop:** LX Optional (Must Use)

Level: Detail
Usage: Optional
Max Use: 20

**Purpose:** To specify pertinent dates and times

**Syntax Notes:** 1 At least one of G6201 or G6203 is required.

If either G6201 or G6202 is present, then the other is required.
If either G6203 or G6204 is present, then the other is required.

**Semantic Notes:** 

**Comments:** 

Notes: Use multiple repetitions to identify unique dates or delivery periods associated

with the requisitioner's requirements.

|          | Data Element Summary |                |                                  |   |                           |                     |  |  |
|----------|----------------------|----------------|----------------------------------|---|---------------------------|---------------------|--|--|
|          | Ref.                 | Data           |                                  |   |                           |                     |  |  |
|          | Des.                 | <b>Element</b> | <u>Name</u>                      |   | Att                       | <u>ributes</u>      |  |  |
| Must Use | G6201                | 432            | Date Qualifier                   |   | X                         | ID 2/2              |  |  |
|          |                      |                | Code specifying ty               | ype of date   |                           |                     |  |  |
|          |                      |                | 53                               | Deliver Not Before Date   |                           |                     |  |  |
|          |                      |                | 54                               | Deliver No Later Than Date  |                           |                     |  |  |
|          |                      |                | 85                               | Date Issued   |                           |                     |  |  |
|          |                      |                |                                  | Use only when requisitioning nonstamaterial. Cite the effective date of the number (when only using code PT) revision number (when using code IPT) identified in the 2/LIN/100 segn | he dro<br>or the<br>OR wi | awing<br>e drawing  |  |  |
|          |                      |                | BC                               | Publication Date  |                           |                     |  |  |
|          |                      |                |                                  | Use only when requisitioning nonstate to cite the manufacturer's catalog powhen a catalog is identified in the 2/ segment.  | ublica                    | ation date          |  |  |
|          |                      |                | BD                               | Required By   |                           |                     |  |  |
|          |                      |                | LD                               | Last Demand   |                           |                     |  |  |
| Must Use | G6202                | 373            | Date                             |   | X                         | DT 8/8              |  |  |
|          |                      |                | Date expressed as                | CCYYMMDD  |                           |                     |  |  |
| Not Used | G6203                | 176            | Time Qualifier                   |   | X                         | ID 1/2              |  |  |
|          |                      |                | Code specifying th               | ne reported time  |                           |                     |  |  |
|          |                      |                |                                  | Data Element Dictionary for acceptable  | code                      | values.             |  |  |
| Not Used | G6204                | 337            | Time                             | , 1   | X                         | TM 4/8              |  |  |
| ,55 525  |                      |                | Time expressed in or HHMMSSD, or | 24-hour clock time as follows: HHMM<br>r HHMMSSDD, where H = hours (00-2<br>er seconds (00-59) and DD = decimal seconds   | I, or I<br>3), M          | HHMMSS, I = minutes |  |  |

seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

#### Not Used G6205 623 Time Code

O ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 004010 Data Element Dictionary for acceptable code values.

Segment: LIN Item Identification

**Position:** 100

**Loop:** LX Optional (Must Use)

Level: Detail
Usage: Optional
Max Use: >1

**Purpose:** To specify basic item identification data

**Syntax Notes:** 1 If either LIN04 or LIN05 is present, then the other is required.

- 2 If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 is present, then the other is required.

## Semantic Notes: Comments:

- 1 LIN01 is the line item identification
- 1 See the Data Dictionary for a complete list of IDs.
- 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

#### **Notes:**

- 1. Use to provide a detailed description of the nonstandard material identified in PO106 with code FT or MG. Use with the MEA, G62 (2/LX/010 loop, position 080), NI (2/NI/180 loop), and G69 segments to fully identify the nonstandard material.
- 2. Use data element 235/234 pairs to identify data pertinent to the transaction. Present the information in any sequential order. Unless otherwise specified, the multiple codes listed for a single qualifier data element identify the range of possible data requirements. When needed, use the next available combination of data element 235/234 pairs to provide the necessary data.

|          | Ref.  | Data           |  |            |                |
|----------|-------|----------------|--|------------|----------------|
|          | Des.  | <b>Element</b> | <u>Name</u>  | <u>Att</u> | <u>ributes</u> |
| Not Used | LIN01 | 350            | Assigned Identification  | O          | AN 1/20        |
|          |       |                | Alphanumeric characters assigned for differentiation with set                        | hin a t    | ransaction     |
| M        | LIN02 | 235            | Product/Service ID Qualifier   | M          | ID 2/2         |
|          |       |                | Code identifying the type/source of the descriptive numb<br>Product/Service ID (234) | er use     | d in           |

| Following is a | list of preferred codes.  |
|----------------|---|
| AB             | Assembly  |
|                | Use to identify the assembly associated with the material.  |
| ВН             | Finish/Hand Standard Reference  |
|                | Use to identify the fabric of the nonstandard material ordered under Federal Supply Schedule.   |
| CL             | Color   |
| CN             | Commodity Name  |
|                | Use to identify the nomenclature of the nonstandard material.   |
| CR             | Contract Number   |
|                | Use when specifying a Federal Supply Schedule contract number.  |
| DR             | Drawing Revision Number   |
| F1             | Catalog Number  |
|                | Use to identify the manufacturer's catalog which references the nonstandard material. Cite the effective catalog publication date, if applicable, in the 2/G62/080 segment.                   |
| F2             | Technical Order Number  |
| F3             | Technical Manual Number   |
| F4             | Series Identifier   |
|                | Use to identify the manufacturer's series number of the end item.   |
| F7             | End-Item Description  |
|                | Use to identify the applicable end item which applies to the nonstandard material. Description may include the NSN and/or nomenclature.   |
| GS             | General Specification Number  |
| MF             | Manufacturer  |
|                | Use to identify the manufacturer's make of the applicable end item for the nonstandard material.  |
| MN             | Model Number  |
|                | Use to identify the manufacturer's model number of the end item.  |
| MS             | Military Specification (MILSPEC) Number   |
| PR             | Process Number  |
|                | Use to identify a general operating specification which cannot be identified by use of the 2/MEA/105 segment. For example, the MEA use is primarily to identify physical sizes and dimensions |

|   |       |     |                                | of nonstandard material. Code PR indicate specifications similar to ou wattage and horsepower. |          |               |
|---|-------|-----|--------------------------------|--|----------|---------------|
|   |       |     | PT                             | Print or Drawing   |          |               |
|   |       |     |                                | Use to identify the applicable drawi the nonstandard material.                                 | ng nu    | mbers for     |
|   |       |     | PW                             | Part Drawing   |          |               |
|   |       |     |                                | Use to identify the applicable figure the nonstandard material.                                | ? numi   | bers for      |
|   |       |     | SF                             | Surface Finish   |          |               |
|   |       |     |                                | Use to identify the finish of the non material ordered under Federal Su                        |          |               |
|   |       |     | SN                             | Serial Number  |          |               |
|   |       |     |                                | Use to identify the manufacturer's a of the end item.  | serial i | number        |
|   |       |     | VN                             | Vendor's (Seller's) Item Number  |          |               |
|   |       |     | YP                             | Publication Number   |          |               |
|   |       |     |                                | Use to identify publications or cata   | logs.    |               |
| M | LIN03 | 234 | Product/Serv                   | vice ID  | M        | AN 1/48       |
|   |       |     | Identifying nu                 | umber for a product or service   |          |               |
|   | LIN04 | 235 | Product/Serv                   | vice ID Qualifier  | X        | ID 2/2        |
|   |       |     | Code identify<br>Product/Servi | ring the type/source of the descriptive numbrice ID (234)                                      | er use   | ed in         |
|   |       |     | Refer to 0040                  | 010 Data Element Dictionary for acceptable   | code     | values.       |
|   | LIN05 | 234 | Product/Serv                   | vice ID  | X        | AN 1/48       |
|   |       |     | Identifying nu                 | umber for a product or service   |          |               |
|   | LIN06 | 235 | Product/Serv                   | vice ID Qualifier  | X        | ID 2/2        |
|   |       |     | Code identify<br>Product/Servi | ring the type/source of the descriptive numbice ID (234)                                       | er use   | ed in         |
|   |       |     | Refer to 0040                  | 110 Data Element Dictionary for acceptable   | code     | values.       |
|   | LIN07 | 234 | Product/Serv                   | vice ID  | X        | AN 1/48       |
|   |       |     | Identifying nu                 | umber for a product or service   |          |               |
|   | LIN08 | 235 | Product/Serv                   | vice ID Qualifier  | X        | <b>ID</b> 2/2 |
|   |       |     | Code identify<br>Product/Servi | ring the type/source of the descriptive numbrice ID (234)                                      | er use   | ed in         |
|   |       |     | Refer to 0040                  | 10 Data Element Dictionary for acceptable  | code     | values.       |
|   | LIN09 | 234 | Product/Serv                   | vice ID  | X        | AN 1/48       |
|   |       |     | Identifying nu                 | umber for a product or service   |          |               |
|   | LIN10 | 235 | Product/Serv                   | vice ID Qualifier  | X        | <b>ID 2/2</b> |
|   |       |     | Code identify<br>Product/Servi | ring the type/source of the descriptive numbrice ID (234)                                      | er use   | ed in         |
|   |       |     | Refer to 0040                  | 010 Data Element Dictionary for acceptable   | code     | values.       |
|   |       |     |                                |  |          |               |

| LIN11 | 234 | Product/Service ID  | X            | AN 1/48 |
|-------|-----|---|--------------|---------|
|       |     | Identifying number for a product or service   |              |         |
| LIN12 | 235 | Product/Service ID Qualifier  | $\mathbf{X}$ | ID 2/2  |
|       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | er use       | d in    |
|       |     | Refer to 004010 Data Element Dictionary for acceptable                              | code         | values. |
| LIN13 | 234 | Product/Service ID  | X            | AN 1/48 |
|       |     | Identifying number for a product or service   |              |         |
| LIN14 | 235 | Product/Service ID Qualifier  | X            | ID 2/2  |
|       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | er use       | d in    |
|       |     | Refer to 004010 Data Element Dictionary for acceptable                              | code         | values. |
| LIN15 | 234 | Product/Service ID  | X            | AN 1/48 |
|       |     | Identifying number for a product or service   |              |         |
| LIN16 | 235 | Product/Service ID Qualifier  | X            | ID 2/2  |
|       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | er use       | ed in   |
|       |     | Refer to 004010 Data Element Dictionary for acceptable                              | code         | values. |
| LIN17 | 234 | Product/Service ID  | X            | AN 1/48 |
|       |     | Identifying number for a product or service   |              |         |
| LIN18 | 235 | Product/Service ID Qualifier  | X            | ID 2/2  |
|       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | er use       | ed in   |
|       |     | Refer to 004010 Data Element Dictionary for acceptable                              | code         | values. |
| LIN19 | 234 | Product/Service ID  | X            | AN 1/48 |
|       |     | Identifying number for a product or service   |              |         |
| LIN20 | 235 | Product/Service ID Qualifier  | X            | ID 2/2  |
|       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | er use       | ed in   |
|       |     | Refer to 004010 Data Element Dictionary for acceptable                              | code         | values. |
| LIN21 | 234 | Product/Service ID  | X            | AN 1/48 |
|       |     | Identifying number for a product or service   |              |         |
| LIN22 | 235 | Product/Service ID Qualifier  | X            | ID 2/2  |
|       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | er use       | ed in   |
|       |     | Refer to 004010 Data Element Dictionary for acceptable                              | code         | values. |
| LIN23 | 234 | Product/Service ID  | X            | AN 1/48 |
|       |     | Identifying number for a product or service   |              |         |
| LIN24 | 235 | Product/Service ID Qualifier  | X            | ID 2/2  |
|       |     | Code identifying the type/source of the descriptive number Product/Service ID (234) | er use       | ed in   |

|       |     | Refer to 004010 Data Element Dictionary for acceptable of                          | ode   | values. |
|-------|-----|--|-------|---------|
| LIN25 | 234 | Product/Service ID   | X     | AN 1/48 |
|       |     | Identifying number for a product or service  |       |         |
| LIN26 | 235 | Product/Service ID Qualifier   | X     | ID 2/2  |
|       |     | Code identifying the type/source of the descriptive numbe Product/Service ID (234) | r use | d in    |
|       |     | Refer to 004010 Data Element Dictionary for acceptable of                          | ode   | values. |
| LIN27 | 234 | Product/Service ID   | X     | AN 1/48 |
|       |     | Identifying number for a product or service  |       |         |
| LIN28 | 235 | Product/Service ID Qualifier   | X     | ID 2/2  |
|       |     | Code identifying the type/source of the descriptive numbe Product/Service ID (234) | r use | d in    |
|       |     | Refer to 004010 Data Element Dictionary for acceptable of                          | ode   | values. |
| LIN29 | 234 | Product/Service ID   | X     | AN 1/48 |
|       |     | Identifying number for a product or service  |       |         |
| LIN30 | 235 | Product/Service ID Qualifier   | X     | ID 2/2  |
|       |     | Code identifying the type/source of the descriptive numbe Product/Service ID (234) | r use | d in    |
|       |     | Refer to 004010 Data Element Dictionary for acceptable of                          | ode   | values. |
| LIN31 | 234 | Product/Service ID   | X     | AN 1/48 |
|       |     | Identifying number for a product or service  |       |         |

Segment: MEA Measurements

**Position:** 105

**Loop:** LX Optional (Must Use)

Level: Detail
Usage: Optional
Max Use: >1

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances,

variances, and weights (See Figures Appendix for example of use of C001)

**Syntax Notes:** 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.

2 If MEA05 is present, then MEA04 is required.3 If MEA06 is present, then MEA04 is required.

4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.

5 Only one of MEA08 or MEA03 may be present.

**Semantic Notes:** 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

**Comments:** 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05

as the negative (-) value and MEA06 as the positive (+) value.

Notes: Use multiple repetitions to identify any measurements/dimensions related to the

nonstandard material identified in PO106 only with code FT or MG.

|          |       | _              | Data Elem  | ent Summary                           |        |                |
|----------|-------|----------------|--|---------------------------------------|--------|----------------|
|          | Ref.  | Data           |  |                                       |        |                |
|          | Des.  | <b>Element</b> |  |                                       | Att    | <u>ributes</u> |
| Not Used | MEA01 | 737            | Measurement Re   | ference ID Code                       | O      | ID 2/2         |
|          |       |                | Code identifying the   | he broad category to which a measurem | nent a | pplies         |
|          |       |                | Refer to 004010 D  | ata Element Dictionary for acceptable | code   | values.        |
| Must Use | MEA02 | 738            | Measurement Qu   | alifier                               | O      | ID 1/3         |
|          |       |                | Code identifying a specific product or process characteristic to which a measurement applies   |                                       |        |                |
|          |       |                | <ol> <li>Use to identify the specific dimension/measurement quantified in MEA03 and MEA04.</li> <li>Following is a list of preferred codes.</li> </ol> |                                       |        |                |
|          |       |                | DI   | Diameter                              |        |                |
|          |       |                | DN   | Density                               |        |                |
|          |       |                | DP   | Depth                                 |        |                |
|          |       |                | FO   | Frequency                             |        |                |

| DN  | Density             |
|-----|---------------------|
| DP  | Depth               |
| FQ  | Frequency           |
| G   | Gross Weight        |
| GL  | Gloss               |
| HT  | Height              |
| ID  | Inside Diameter     |
| LN  | Length              |
| LPR | Line Pressure       |
| MD  | Measurement Voltage |
|     |                     |

|          |        |      | OD                                 | Outside Diameter  |   |
|----------|--------|------|------------------------------------|---|---|
|          |        |      | PB                                 | Pressure  |   |
|          |        |      | TF                                 | Tensile   |   |
|          |        |      | TH                                 | Thickness   |   |
|          |        |      | UCB                                | Cube  |   |
|          |        |      | VO                                 | Voltage   |   |
|          |        |      | VOL                                | Volume  |   |
|          |        |      | WD                                 | Width   |   |
|          |        |      | WT                                 | Weight  |   |
| Must Use | MEA03  | 739  | Measurement Va                     | lue   | X R 1/20                                |
|          |        |      | The value of the m                 | neasurement   |   |
| Must Use | MEA04  | C001 | Composite Unit of                  | of Measure  | X                                       |
|          |        |      | To identify a compexamples of use) | posite unit of measure (See Figures Ap  | pendix for                              |
|          |        |      | • •                                | e value of the units expressed in MEA0<br>e nonstandard material was six feet, ci<br>4. | - · · · · · · · · · · · · · · · · · · · |
| M        | C00101 | 355  | Unit or Basis for                  | Measurement Code  | M ID 2/2                                |
|          |        |      |                                    | ne units in which a value is being expre<br>ement has been taken                        | ssed, or manner                         |
|          |        |      | Following is a list                | of preferred codes.   |   |
|          |        |      | 2G                                 | Volts (Alternating Current)   |   |
|          |        |      | 2H                                 | Volts (Direct Current)  |   |
|          |        |      | 2I                                 | British Thermal Units (BTUs) Per Ho   | our                                     |
|          |        |      | 2N                                 | Decibels  |   |
|          |        |      | 70                                 | Volt  |   |
|          |        |      | 82                                 | Ohm   |   |
|          |        |      | AD                                 | Bytes   |   |
|          |        |      | AZ                                 | British Thermal Units (BTUs) per Po   | ound                                    |
|          |        |      | B0                                 | British Thermal Units (BTUs) per Cu   | ibic Foot                               |
|          |        |      | B7                                 | Cycles  |   |
|          |        |      | CI                                 | Cubic Inches  |   |
|          |        |      | CM                                 | Centimeter  |   |
|          |        |      | CR                                 | Cubic Meter   |   |
|          |        |      | CY                                 | Cubic Yard  |   |
|          |        |      | FT                                 | Foot  |   |
|          |        |      | GA                                 | Gallon  |   |
|          |        |      | НЈ                                 | Horsepower  |   |
|          |        |      | IN                                 | Inch  |   |
|          |        |      | KG                                 | Kilogram  |   |
|          |        |      | LB                                 | Pound   |   |

|          |        |      | LT                 | Liter   |      |           |
|----------|--------|------|--------------------|---|------|-----------|
|          |        |      | MR                 | Meter   |      |           |
|          |        |      | OZ                 | Ounce - Av  |      |           |
|          |        |      | P1                 | Percent   |      |           |
|          |        |      | P2                 | Pounds per Foot   |      |           |
|          |        |      | PT                 | Pint  |      |           |
|          |        |      | QT                 | Quart   |      |           |
|          |        |      | R4                 | Calorie   |      |           |
|          |        |      | SF                 | Square Foot   |      |           |
|          |        |      | SM                 | Square Meter  |      |           |
|          |        |      | SY                 | Square Yard   |      |           |
|          |        |      | TG                 | Gross Ton   |      |           |
|          |        |      | TN                 | Net Ton (2,000 LB).   |      |           |
|          |        |      | VA                 | Volt-ampere per Kilogram  |      |           |
|          |        |      | WA                 | Watts per Kilogram  |      |           |
|          |        |      | YD                 | Yard  |      |           |
| Not Used | C00102 | 1018 | Exponent           |   | O    | R 1/15    |
|          |        |      | Power to which a   | unit is raised  |      |           |
| Not Used | C00103 | 649  | Multiplier         |   | O    | R 1/10    |
|          |        |      | Value to be used a | s a multiplier to obtain a new value                              |      |           |
| Not Used | C00104 | 355  | Unit or Basis for  | Measurement Code  | O    | ID 2/2    |
|          |        |      |                    | ne units in which a value is being expres<br>ement has been taken | sed, | or manner |
|          |        |      | Refer to 004010 D  | Pata Element Dictionary for acceptable c                          | ode  | values.   |
| Not Used | C00105 | 1018 | Exponent           |   | O    | R 1/15    |
|          |        |      | Power to which a   | unit is raised  |      |           |
| Not Used | C00106 | 649  | Multiplier         |   | O    | R 1/10    |
|          |        |      | Value to be used a | s a multiplier to obtain a new value                              |      |           |
| Not Used | C00107 | 355  | Unit or Basis for  | Measurement Code  | O    | ID 2/2    |
|          |        |      |                    | ne units in which a value is being expres<br>ement has been taken | sed, | or manner |
|          |        |      | Refer to 004010 D  | ata Element Dictionary for acceptable c                           | ode  | values.   |
| Not Used | C00108 | 1018 | Exponent           |   | o    | R 1/15    |
|          |        |      | Power to which a   | unit is raised  |      |           |
| Not Used | C00109 | 649  | Multiplier         |   | o    | R 1/10    |
|          |        |      | Value to be used a | s a multiplier to obtain a new value                              |      |           |
| Not Used | C00110 | 355  | Unit or Basis for  | Measurement Code  | o    | ID 2/2    |
|          |        |      |                    | ne units in which a value is being expres                         | sed, | or manner |
|          |        |      | Refer to 004010 D  | Oata Element Dictionary for acceptable c                          | ode  | values.   |
| Not Used | C00111 | 1018 | Exponent           | •   | o    | R 1/15    |

|          |              |      | Power to which a unit is raised   |              |           |
|----------|--------------|------|---|--------------|-----------|
| Not Used | C00112       | 649  | Multiplier O  |              | R 1/10    |
|          |              |      | Value to be used as a multiplier to obtain a new value  |              |           |
| Not Used | C00113       | 355  | Unit or Basis for Measurement Code  | $\mathbf{o}$ | ID 2/2    |
|          |              |      | Code specifying the units in which a value is being express in which a measurement has been taken | ed,          | or manner |
|          |              |      | Refer to 004010 Data Element Dictionary for acceptable co   | de '         | values.   |
| Not Used | C00114       | 1018 | Exponent  | $\mathbf{o}$ | R 1/15    |
|          |              |      | Power to which a unit is raised   |              |           |
| Not Used | C00115       | 649  | Multiplier  | O            | R 1/10    |
|          |              |      | Value to be used as a multiplier to obtain a new value  |              |           |
| Not Used | MEA05        | 740  | Range Minimum   | $\mathbf{X}$ | R 1/20    |
|          |              |      | The value specifying the minimum of the measurement range   | ge           |           |
| Not Used | MEA06        | 741  | Range Maximum   | X            | R 1/20    |
|          |              |      | The value specifying the maximum of the measurement ran   | ge           |           |
| Not Used | <b>MEA07</b> | 935  | <b>Measurement Significance Code</b>  | O            | ID 2/2    |
|          |              |      | Code used to benchmark, qualify or further define a measure                                       | rem          | ent value |
|          |              |      | Refer to 004010 Data Element Dictionary for acceptable co   | ode v        | values.   |
| Not Used | MEA08        | 936  | Measurement Attribute Code  | $\mathbf{X}$ | ID 2/2    |
|          |              |      | Code used to express an attribute response when a numeric value cannot be determined              | me           | asurement |
|          |              |      | Refer to 004010 Data Element Dictionary for acceptable co   | de '         | values.   |
| Not Used | MEA09        | 752  | Surface/Layer/Position Code   | O            | ID 2/2    |
|          |              |      | Code indicating the product surface, layer or position that is described                          | s be         | ing       |
|          |              |      | Refer to 004010 Data Element Dictionary for acceptable co   | de '         | values.   |
| Not Used | MEA10        | 1373 | <b>Measurement Method or Device</b>   | 0            | ID 2/4    |
|          |              |      | The method or device used to record the measurement   |              |           |
|          |              |      | Refer to 004010 Data Element Dictionary for acceptable co   | de '         | values.   |

Segment: G69 Line Item Detail - Description

**Position:** 110

**Loop:** LX Optional (Must Use)

Level: Detail
Usage: Optional

Max Use: >1

**Purpose:** To describe an item in free-form format

Syntax Notes: Semantic Notes: Comments:

M

NT 4

Notes: Use to describe nonstandard material identified in PO106 only with code FT or

MG when the 2/LIN/100 and 2/MEA/105 segments do not provide adequate descriptive capability. Use multiple repetitions to provide the narrative descriptive

information.

# **Data Element Summary**

Ref. Data

Des. Element Name

G6901 369 Free-form Description

Attributes

M AN 1/45

Free-form descriptive text

Segment: NTE Note/Special Instruction

**Position:** 120

**Loop:** LX Optional (Must Use)

Level: Detail
Usage: Optional
Max Use: >1

**Purpose:** To transmit information in a free-form format, if necessary, for comment or special

instruction

**Syntax Notes:** 

**Semantic Notes:** 

Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12

standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated

environment.

Notes: Use to identify exception data associated with the transaction. Use during

extraordinary situations requiring manual intervention in the requisition

processing routine.

|          |       |                | Data Li         | cincin Summary                                |        |                |
|----------|-------|----------------|-----------------|---|--------|----------------|
|          | Ref.  | Data           |                 |   |        |                |
|          | Des.  | <b>Element</b> | <u>Name</u>     |   | Att    | <u>ributes</u> |
| Must Use | NTE01 | 363            | Note Reference  | e Code  | O      | ID 3/3         |
|          |       |                | Code identifyin | g the functional area or purpose for which    | the n  | ote applies    |
|          |       |                | ORI             | Order Instructions                            |        |                |
| M        | NTE02 | 352            | Description     |   | M      | AN 1/80        |
|          |       |                | A free-form des | scription to clarify the related data element | ts and | their          |

Segment: LM Code Source Information

**Position:** 130

**Loop:** LM Optional (Must Use)

Level: Detail

**Usage:** Optional (Must Use)

Max Use: 1

**Purpose:** To transmit standard code list identification information

Syntax Notes: Semantic Notes:

**Comments:** 1 LM02 identifies the applicable industry code list source information.

Notes: Must use this 2/LM/130 loop to identify coded information maintained in

department or agency documentation.

|          |      |                | 2                           | 2101110110 2 0111111111 )                     |              |                |
|----------|------|----------------|-----------------------------|---|--------------|----------------|
|          | Ref. | Data           |                             |   |              |                |
|          | Des. | <b>Element</b> | <u>Name</u>                 |   | Att          | <u>ributes</u> |
| M        | LM01 | 559            | Agency Qua                  | lifier Code                                   | $\mathbf{M}$ | ID 2/2         |
|          |      |                | Code identify               | ring the agency assigning the code values     |              |                |
|          |      |                | DF                          | Department of Defense (DoD)                   |              |                |
| Not Used | LM02 | 822            | Source Subq                 | ualifier                                      | O            | AN 1/15        |
|          |      |                | A reference to<br>Qualifier | hat indicates the table or text maintained by | the So       | ource          |

Segment: LQ Industry Code

**Position:** 140

**Loop:** LM Optional (Must Use)

Level: Detail
Usage: Mandatory

**Max Use:** 100

Purpose: Code to transmit standard industry codesSyntax Notes: 1 If LQ01 is present, then LQ02 is required.

**Semantic Notes:** 

**Comments:** 

Notes: Use to identify codes, as appropriate, consistent with management information

requirements.

# **Data Element Summary**

|          | Ref. | Data           |                          |                   |
|----------|------|----------------|--------------------------|-------------------|
|          | Des. | <b>Element</b> | <u>Name</u>              | <b>Attributes</b> |
| Must Use | LQ01 | 1270           | Code List Qualifier Code | O ID 1/3          |
|          |      |                |                          |                   |

Code identifying a specific industry code list

| Code identifying a specific industry code list |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| Following is a list of preferred codes.        |  |  |  |  |  |  |  |
| 0  | Document Identification Code               |  |  |  |  |  |  |
| 67   | Type of Assistance Code                    |  |  |  |  |  |  |
| 71   | Service and Agency Code                    |  |  |  |  |  |  |
| 78   | Project Code                               |  |  |  |  |  |  |
| 79   | Priority Designator Code                   |  |  |  |  |  |  |
|  | Recommend using in all requisitions.       |  |  |  |  |  |  |
| 80   | Advice Code                                |  |  |  |  |  |  |
| 83   | Supply Condition Code                      |  |  |  |  |  |  |
| 85   | Country and Activity Code                  |  |  |  |  |  |  |
| 87   | Subsistence Type of Pack Code              |  |  |  |  |  |  |
| 89   | Cooperative Logistics Program Support Code |  |  |  |  |  |  |
| 94   | Identification Code                        |  |  |  |  |  |  |
| 95   | Offer and Release Option Code              |  |  |  |  |  |  |
| 97   | Ultimate Recipient Code                    |  |  |  |  |  |  |
| 99   | Purpose Code                               |  |  |  |  |  |  |
| A2   | Customer Within Country Code               |  |  |  |  |  |  |
| A3   | Delivery Term Code                         |  |  |  |  |  |  |
| A4   | Case Designator Number                     |  |  |  |  |  |  |
| A5   | Subcase Number                             |  |  |  |  |  |  |
| A6   | Freight Forwarder Number                   |  |  |  |  |  |  |
| A7   | Record Control Number                      |  |  |  |  |  |  |
| A8   | Program Year Code                          |  |  |  |  |  |  |
| A9   | Supplemental Data                          |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

| AJ  | Utilization Code   |
|-----|--|
| AK  | Distribution Code  |
| AL  | Special Requirements Code  |
|     | Use to identify precedence, special handling, and processing requirements. |
| BD  | Transportation Priority Code   |
| COG | Cognizance Symbol  |
| DE  | Signal Code  |
| DF  | Media and Status Code  |
| EJ  | Disposal Condition Code  |
| IMC | Item Management Code   |
| MCC | Material Control Code  |

Special Material Identification Code

Must Use LQ02 1271 Industry Code X AN 1/30

SMI

Code indicating a code from a specific industry code list

Segment: N1 Name

**Position:** 180

**Loop:** N1 Optional (Must Use)

Level: Detail

**Usage:** Optional (Must Use)

Max Use: 1

**Purpose:** To identify a party by type of organization, name, and code

**Syntax Notes:** 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:** 

**Comments:** 

N102

93

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Notes: 1. Must use one iteration of this 2/N1/180 loop to identify the organization to

receive the transaction.

2. Use additional iterations to identify other organizations associated with the transaction.

#### **Data Element Summary**

|   | Ref. | Data           |                               |                   |
|---|------|----------------|-------------------------------|-------------------|
|   | Des. | <b>Element</b> | <u>Name</u>                   | <u>Attributes</u> |
| M | N101 | 98             | <b>Entity Identifier Code</b> | M ID 2/3          |

Code identifying an organizational entity, a physical location, property or an individual

| an individual  |   |
|----------------|---|
| Following is a | list of preferred of codes.                                       |
| BS             | Bill and Ship To  |
| BT             | Bill-to-Party   |
| DA             | Delivery Address  |
| KO             | Plant Clearance Officer   |
| MF             | Manufacturer of Goods   |
|                | Use to identify the manufacturer's name for nonstandard material. |
| OB             | Ordered By  |
| ST             | Ship To   |
| <b>Z</b> 1     | Party to Receive Status   |
| Z3             | Potential Source of Supply  |
| <b>Z</b> 4     | Owning Inventory Control Point                                    |
| <b>Z</b> 5     | Management Control Activity                                       |
| <b>Z</b> 7     | Mark-for Party  |
| Name           | X AN 1/60   |

Free-form name

|          | N103 | 66  | <b>Identification Co</b>         | de Qualifier   | X                                | ID 1/2      |  |  |
|----------|------|-----|----------------------------------|--|----------------------------------|-------------|--|--|
|          |      |     |                                  | Code designating the system/method of code structure used for Identification Code (67)     |                                  |             |  |  |
|          |      |     | 1                                | D-U-N-S Number, Dun & Bradstreet   | 0-U-N-S Number, Dun & Bradstreet |             |  |  |
|          |      |     | 9                                | D-U-N-S+4, D-U-N-S Number with Four Character Suffix                                       |                                  |             |  |  |
|          |      |     | 10                               | Department of Defense Activity Address Code (DODAAC)                                       |                                  |             |  |  |
|          |      |     | A2                               | Military Assistance Program Address Code (MA   |                                  |             |  |  |
|          |      |     | M4                               | M4 Department of Defense Routing Identifier Code   |                                  |             |  |  |
|          | N104 | 67  | Identification Code              |  |                                  | AN 2/80     |  |  |
|          |      |     | Code identifying a               | a party or other code  |                                  |             |  |  |
| Not Used | N105 | 706 | <b>Entity Relationsh</b>         | ip Code  | O                                | ID 2/2      |  |  |
|          |      |     | Code describing e                | ntity relationship   |                                  |             |  |  |
|          |      |     | Refer to 004010 D                | Data Element Dictionary for acceptable   | code                             | values.     |  |  |
|          | N106 | 98  | <b>Entity Identifier</b>         | Code   | O                                | ID 2/3      |  |  |
|          |      |     | Code identifying a an individual | nn organizational entity, a physical loca  | tion, p                          | property or |  |  |
|          |      |     | TO Message To                    |  |                                  |             |  |  |
|          |      |     |                                  | Must use with the appropriate 2/N10 indicate the organization cited in N1 the transaction. |                                  |             |  |  |
|          |      |     |                                  |  |                                  |             |  |  |

Segment: N2 Additional Name Information

**Position:** 190

**Loop:** N1 Optional (Must Use)

Level: Detail
Usage: Optional

Max Use: 2

**Purpose:** To specify additional names or those longer than 35 characters in length

Syntax Notes: Semantic Notes:

**Comments:** 

Notes: Use to identify additional name information as authorized.

|   | Ref. | Data           |                |                   |
|---|------|----------------|----------------|-------------------|
|   | Des. | <b>Element</b> | <u>Name</u>    | <u>Attributes</u> |
| M | N201 | 93             | Name           | M AN 1/60         |
|   |      |                | Free-form name |                   |
|   | N202 | 93             | Name           | O AN 1/60         |
|   |      |                | Free-form name |                   |

Segment: N3 Address Information

**Position:** 200

**Loop:** N1 Optional (Must Use)

Level: Detail Usage: Optional

Max Use: 2

**Purpose:** To specify the location of the named party

Syntax Notes: Semantic Notes:

**Comments:** 

Notes: Use to identify additional address information as authorized.

|   | Ref. | Data           |                            |                   |
|---|------|----------------|----------------------------|-------------------|
|   | Des. | <b>Element</b> | <u>Name</u>                | <u>Attributes</u> |
| M | N301 | 166            | <b>Address Information</b> | M AN 1/55         |
|   |      |                | Address information        |                   |
|   | N302 | 166            | <b>Address Information</b> | O AN 1/55         |
|   |      |                | Address information        |                   |

Segment: N4 Geographic Location

**Position:** 210

**Loop:** N1 Optional (Must Use)

Level: Detail Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named partySyntax Notes: 1 If N406 is present, then N405 is required.

**Semantic Notes:** 

**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be

adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

|          | <b>T</b>    | <b>-</b>        | <b>,</b>   |       |           |
|----------|-------------|-----------------|--|-------|-----------|
|          | Ref.        | Data<br>Floment | Nomo   | A ++  | wihutos   |
|          | <u>Des.</u> | Element         | Name   |       | ributes   |
|          | N401        | 19              | City Name  | O     | AN 2/30   |
|          |             |                 | Free-form text for city name   |       |           |
|          | N402        | 156             | State or Province Code   | 0     | ID 2/2    |
|          |             |                 | Code (Standard State/Province) as defined by appropriate agency                              | gove  | ernment   |
|          |             |                 | Refer to 004010 Data Element Dictionary for acceptable of                                    | ode   | values.   |
|          | N403        | 116             | Postal Code  | 0     | ID 3/15   |
|          |             |                 | Code defining international postal zone code excluding publanks (zip code for United States) | ınctu | ation and |
|          |             |                 | Refer to 004010 Data Element Dictionary for acceptable of                                    | ode   | values.   |
|          | N404        | 26              | Country Code   | O     | ID 2/3    |
|          |             |                 | Code identifying the country   |       |           |
|          |             |                 | Refer to 004010 Data Element Dictionary for acceptable of                                    | ode   | values.   |
| Not Used | N405        | 309             | Location Qualifier   | X     | ID 1/2    |
|          |             |                 | Code identifying type of location  |       |           |
|          |             |                 | Refer to 004010 Data Element Dictionary for acceptable of                                    | ode   | values.   |
| Not Used | N406        | 310             | Location Identifier  | O     | AN 1/30   |
|          |             |                 | Code which identifies a specific location  |       |           |

Segment: REF Reference Identification

**Position:** 220

Loop: REF Optional

Level: Detail Usage: Optional

Max Use: 1

**Purpose:** To specify identifying information

**Syntax Notes:** 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** 1 REF04 contains data relating to the value cited in REF02.

**Comments:** 

Notes: Use the 2/REF/220 loop to provide unique item tracking (UIT) information.

|          |        |                | Data Element                                 | i Summary  |       |                |  |
|----------|--------|----------------|--|--|-------|----------------|--|
|          | Ref.   | Data           |  |  |       |                |  |
|          | Des.   | <b>Element</b> | <u>Name</u>                                  |  | Att   | <u>ributes</u> |  |
| M        | REF01  | 128            | Reference Identifica                         | tion Qualifier   | M     | ID 2/3         |  |
|          |        |                | Code qualifying the F                        | Reference Identification   |       |                |  |
|          |        |                | BT E   | Batch Number   |       |                |  |
|          |        |                | LT L   | ot Number  |       |                |  |
|          |        |                | SE S   | erial Number   |       |                |  |
| Must Use | REF02  | 127            | Reference Identifica                         | ition  | X     | AN 1/30        |  |
|          |        |                |  | n as defined for a particular Transacti<br>rence Identification Qualifier  | on S  | Set or as      |  |
| Not Used | REF03  | 352            | Description                                  |  | X     | AN 1/80        |  |
|          |        |                | A free-form descripti content                | A free-form description to clarify the related data elements and their content   |       |                |  |
| Not Used | REF04  | C040           | Reference Identifier                         | •  | O     |                |  |
|          |        |                | •  | To identify one or more reference numbers or identification numbers of |       |                |  |
| Not Used | C04001 | 128            | Reference Identifica                         | tion Qualifier   | M     | ID 2/3         |  |
|          |        |                | Code qualifying the F                        | Reference Identification   |       |                |  |
|          |        |                | Refer to 004010 Data                         | Element Dictionary for acceptable co   | ode ' | values.        |  |
| Not Used | C04002 | 127            | Reference Identifica                         | tion   | M     | AN 1/30        |  |
|          |        |                |  | n as defined for a particular Transacti<br>rence Identification Qualifier  | on S  | Set or as      |  |
| Not Used | C04003 | 128            | Reference Identifica                         | tion Qualifier   | X     | ID 2/3         |  |
|          |        |                | Code qualifying the Reference Identification |  |       |                |  |
|          |        |                | Refer to 004010 Data                         | Element Dictionary for acceptable co   | ode ' | values.        |  |
| Not Used | C04004 | 127            | Reference Identifica                         | tion   | X     | AN 1/30        |  |
|          |        |                |  | n as defined for a particular Transacti<br>rence Identification Qualifier  | on S  | Set or as      |  |

| Not Used | C04005 | 128 | Reference Identification Qualifier   | X     | ID 2/3    |
|----------|--------|-----|--|-------|-----------|
|          |        |     | Code qualifying the Reference Identification   |       |           |
|          |        |     | Refer to 004010 Data Element Dictionary for acceptable code values.  |       |           |
| Not Used | C04006 | 127 | Reference Identification   | X     | AN 1/30   |
|          |        |     | Reference information as defined for a particular Transact specified by the Reference Identification Qualifier | ion S | Set or as |

Segment: N9 Reference Identification

**Position:** 240

Loop: REF Optional

Level: Detail
Usage: Optional
Max Use: >1

**Purpose:** To transmit identifying information as specified by the Reference Identification

Qualifier

**Syntax Notes:** 1 At least one of N902 or N903 is required.

2 If N906 is present, then N905 is required.

3 If either C04003 or C04004 is present, then the other is required.

4 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** 1 N906 reflects the time zone which the time reflects.

N907 contains data relating to the value cited in N902.

**Comments:** 

Notes: 1. Use multiple repetitions to identify the characteristic(s) not defined in the

2/REF/220 segment.

2. Use the 2/REF/220 loop to provide UIT information for controlled material.

### **Data Element Summary**

|          | Ref. | Data           |   |   |              |                |  |
|----------|------|----------------|---|---|--------------|----------------|--|
|          | Des. | <b>Element</b> | <u>Name</u>                             |   | Att          | <u>ributes</u> |  |
| M        | N901 | 128            | Reference Identifi                      | ication Qualifier   | M            | ID 2/3         |  |
|          |      |                | Code qualifying the                     | e Reference Identification  |              |                |  |
|          |      |                | BT                                      | Batch Number  |              |                |  |
|          |      |                | LT                                      | Lot Number  |              |                |  |
|          |      |                | SE                                      | Serial Number   |              |                |  |
| Must Use | N902 | 127            | Reference Identifi                      | ication   | X            | AN 1/30        |  |
|          |      |                |   | tion as defined for a particular Transact<br>eference Identification Qualifier  | ion S        | Set or as      |  |
| Not Used | N903 | 369            | Free-form Descrip                       | ption   | $\mathbf{X}$ | AN 1/45        |  |
|          |      |                | Free-form descripti                     | ive text  |              |                |  |
| Not Used | N904 | 373            | Date                                    |   | O            | <b>DT 8/8</b>  |  |
|          |      |                | Date expressed as                       | CCYYMMDD  |              |                |  |
| Not Used | N905 | 337            | Time                                    |   | X            | TM 4/8         |  |
|          |      |                | or HHMMSSD, or $(00-59)$ , $S = intege$ | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS or HHMMSSDD, or HHMMSSDD, where $H = hours (00-23)$ , $M = minute (00-59)$ , $S = integer seconds (00-59)$ and $DD = decimal seconds$ ; decimal seconds are expressed as follows: $D = tenths (0-9)$ and $DD = hundredths (00-99)$ |              |                |  |
| Not Used | N906 | 623            | Time Code                               |   | o            | ID 2/2         |  |
|          |      |                | Code identifying th                     | Code identifying the time. In accordance with International Standards   |              |                |  |

Organization standard 8601, time can be specified by a + or - and an

|          |        |      | indication in hours in relation to Universal Time Coordinates since + is a restricted character, + and - are substituted by codes that follow |       | ,         |
|----------|--------|------|---|-------|-----------|
|          |        |      | Refer to 004010 Data Element Dictionary for acceptable c  | ode   | values.   |
| Not Used | N907   | C040 | Reference Identifier  | O     |           |
|          |        |      | To identify one or more reference numbers or identificatio specified by the Reference Qualifier   | n nu  | mbers as  |
| Not Used | C04001 | 128  | Reference Identification Qualifier  | M     | ID 2/3    |
|          |        |      | Code qualifying the Reference Identification  |       |           |
|          |        |      | Refer to 004010 Data Element Dictionary for acceptable c  | ode   | values.   |
| Not Used | C04002 | 127  | Reference Identification  | M     | AN 1/30   |
|          |        |      | Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier                             | on S  | Set or as |
| Not Used | C04003 | 128  | Reference Identification Qualifier  | X     | ID 2/3    |
|          |        |      | Code qualifying the Reference Identification  |       |           |
|          |        |      | Refer to 004010 Data Element Dictionary for acceptable c  | ode   | values.   |
| Not Used | C04004 | 127  | Reference Identification  | X     | AN 1/30   |
|          |        |      | Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier                             | ion S | Set or as |
| Not Used | C04005 | 128  | Reference Identification Qualifier  | X     | ID 2/3    |
|          |        |      | Code qualifying the Reference Identification  |       |           |
|          |        |      | Refer to 004010 Data Element Dictionary for acceptable c  | ode   | values.   |
| Not Used | C04006 | 127  | Reference Identification  | X     | AN 1/30   |
|          |        |      | Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier                             | on S  | Set or as |

Segment: N1 Name

**Position:** 250

Loop: REF Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To identify a party by type of organization, name, and code

**Syntax Notes:** 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:** 

**Comments:** 1 This segment, used alone, provides the most efficient method of providing

organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

2 N105 and N106 further define the type of entity in N101.

Notes: Use the 2/REF/220 loop to provide UIT information for controlled material.

|          | Ref.<br>Des.        | Data<br><u>Element</u> | <u>Name</u>   | Δtt   | <u>ributes</u> |
|----------|---------------------|------------------------|---|-------|----------------|
| M        | <u>Des.</u><br>N101 | 98                     | Entity Identifier Code  |       | ID 2/3         |
|          |                     |                        | Code identifying an organizational entity, a physical location an individual      | on, p | property or    |
|          |                     |                        | MF Manufacturer of Goods  |       |                |
| Not Used | N102                | 93                     | Name  | X     | AN 1/60        |
|          |                     |                        | Free-form name  |       |                |
| Must Use | N103                | 66                     | <b>Identification Code Qualifier</b>  | X     | ID 1/2         |
|          |                     |                        | Code designating the system/method of code structure use Identification Code (67) | d for |                |
|          |                     |                        | Commercial and Government Entity (  | CAG   | E)             |
| Must Use | N104                | 67                     | <b>Identification Code</b>  | X     | AN 2/80        |
|          |                     |                        | Code identifying a party or other code  |       |                |
| Not Used | N105                | 706                    | <b>Entity Relationship Code</b>   | 0     | ID 2/2         |
|          |                     |                        | Code describing entity relationship   |       |                |
|          |                     |                        | Refer to 004010 Data Element Dictionary for acceptable c                          | ode ' | values.        |
| Not Used | N106                | 98                     | <b>Entity Identifier Code</b>   | 0     | ID 2/3         |
|          |                     |                        | Code identifying an organizational entity, a physical location an individual      | on, p | property or    |
|          |                     |                        | Refer to 004010 Data Element Dictionary for acceptable of                         | ode ' | values.        |

Segment: FA1 Type of Financial Accounting Data

**Position:** 285

**Loop:** FA1 Optional

Level: Detail
Usage: Optional
Max Use: 1

Purpose: To specify the organization controlling the content of the accounting citation, and

the purpose associated with the accounting citation

**Syntax Notes:** 

Semantic Notes: 1 FA101 Identifies the organization controlling the assignment of financial

accounting information.

2 FA102 Identifies the purpose of the accounting allowance or charge

information.

#### **Comments:**

|          |       |                | Data Elem               | ent Summary  |              |                |
|----------|-------|----------------|-------------------------|--|--------------|----------------|
|          | Ref.  | Data           |                         |  |              |                |
|          | Des.  | <b>Element</b> | <u>Name</u>             |  | Att          | <u>ributes</u> |
| M        | FA101 | 559            | <b>Agency Qualifier</b> | Code   | $\mathbf{M}$ | ID 2/2         |
|          |       |                | Code identifying th     | ne agency assigning the code values  |              |                |
|          |       |                | DF                      | Department of Defense (DoD)  |              |                |
|          |       |                |                         | Use to indicate that the Component of funds is a Department of Defense ag including DLA. | _            | _              |
|          |       |                | DN                      | Department of the Navy   |              |                |
|          |       |                |                         | Includes the United States Marine Co   | orps.        |                |
|          |       |                | DY                      | Department of Air Force  |              |                |
|          |       |                | DZ                      | Department of Army   |              |                |
|          |       |                | FG                      | Federal Government   |              |                |
| Must Use | FA102 | 1300           | Service, Promotio       | n, Allowance, or Charge Code   | 0            | ID 4/4         |
|          |       |                | Code identifying th     | ne service, promotion, allowance, or cha   | ırge         |                |
|          |       |                | A170                    | Adjustments  |              |                |
|          |       |                | A520                    | Base Charge  |              |                |
|          |       |                | C930                    | Export Shipping Charge   |              |                |
|          |       |                | D340                    | Goods and Services Charge  |              |                |
|          |       |                | F060                    | Other Accessorial Service Charge   |              |                |
|          |       |                | F560                    | Premium Transportation   |              |                |
|          |       |                | I260                    | Transportation Direct Billing  |              |                |
|          |       |                | R060                    | Packing, Crating, and Handling Charg   | e            |                |
| Not Used | FA103 | 248            | Allowance or Cha        | rge Indicator  | 0            | ID 1/1         |
|          |       |                | Code which indica       | tes an allowance or charge for the servi   | ce sp        | ecified        |
|          |       |                | Refer to 004010 D       | ata Element Dictionary for acceptable c  | ode v        | values.        |
|          |       |                |                         | _  |              |                |

Segment: FA2 Accounting Data

**Position:** 286

**Loop:** FA1 Optional

Level: Detail
Usage: Mandatory

Max Use: >1

**Purpose:** To specify the detailed accounting data

Syntax Notes: Semantic Notes: Comments:

#### **Data Element Summary**

| Data Element Summary |       |                |   |                                     |                   |  |  |  |  |
|----------------------|-------|----------------|---|-------------------------------------|-------------------|--|--|--|--|
|                      | Ref.  | Data           |   |                                     |                   |  |  |  |  |
|                      | Des.  | <b>Element</b> | <u>Name</u>   |                                     | <b>Attributes</b> |  |  |  |  |
| M                    | FA201 | 1196           | Breakdown Struc   | ture Detail Code                    | M ID 2/2          |  |  |  |  |
|                      |       |                | Codes identifying details relating to a reporting breakdown structure tre |                                     |                   |  |  |  |  |
|                      |       |                | 18  | Funds Appropriation                 |                   |  |  |  |  |
|                      |       |                | A1  | Department Indicator                |                   |  |  |  |  |
|                      |       |                | A2  | Transfer from Department            |                   |  |  |  |  |
|                      |       |                | A3  | Fiscal Year Indicator               |                   |  |  |  |  |
|                      |       |                | A4  | Basic Symbol Number                 |                   |  |  |  |  |
|                      |       |                | A5  | Sub-class                           |                   |  |  |  |  |
|                      |       |                | A6  | Sub-Account Symbol                  |                   |  |  |  |  |
|                      |       |                | B1  | Budget Activity Number              |                   |  |  |  |  |
|                      |       |                | B2  | Budget Sub-activity Number          |                   |  |  |  |  |
|                      |       |                | B5  | Fund Code                           |                   |  |  |  |  |
|                      |       |                | BL  | Billings                            |                   |  |  |  |  |
|                      |       |                | C1  | Program Element                     |                   |  |  |  |  |
|                      |       |                | C2  | Project Task or Budget Subline      |                   |  |  |  |  |
|                      |       |                | C3  | Budget Restriction                  |                   |  |  |  |  |
|                      |       |                | D1  | Defense Agency Allocation Recipient |                   |  |  |  |  |
|                      |       |                | D2  | Defense Agency Sub-allocation Recip | oient             |  |  |  |  |
|                      |       |                | D3  | Component Allocation Recipient      |                   |  |  |  |  |
|                      |       |                | D4  | Component Sub-allocation Recipient  |                   |  |  |  |  |
|                      |       |                | D5  | Allotment Recipient                 |                   |  |  |  |  |
|                      |       |                | D6  | Sub-allotment Recipient             |                   |  |  |  |  |
|                      |       |                | D7  | Work Center Recipient               |                   |  |  |  |  |
|                      |       |                | E1  | Major Reimbursement Source Code     |                   |  |  |  |  |
|                      |       |                | E2  | Detail Reimbursement Source Code    |                   |  |  |  |  |
|                      |       |                | E3  | Customer Indicator                  |                   |  |  |  |  |
|                      |       |                |   |                                     |                   |  |  |  |  |

F1

Object Class

|   |       |      | Code representing | financial accounting information   |
|---|-------|------|-------------------|--|
| M | FA202 | 1195 | Financial Informa | ation Code M AN 1/80   |
|   |       |      | ZZ                | Mutually Defined   |
|   |       |      | P3                | Voucher Number   |
|   |       |      | P2                | International Balance of Payments (IBOP) Code  |
|   |       |      | P1                | Disbursing Station Number  |
|   |       |      | N1                | Transaction Type   |
|   |       |      | L1                | Accounting Installation Number   |
|   |       |      | J1                | Document or Record Reference Number  |
|   |       |      | I1                | Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC) |
|   |       |      | H4                | Classification Code  |
|   |       |      | НЗ                | Cost Allocation Code   |
|   |       |      | H2                | Labor Type Code  |
|   |       |      | H1                | Cost Code  |
|   |       |      | G2                | Special Interest Code or Special Program Cost Code                                       |
|   |       |      | G1                | Program or Planning Code   |
|   |       |      | F4                | Country Code   |
|   |       |      | F3                | Government or Public Sector Identifier   |
|   |       |      | F2                | Object Sub-class   |

Segment: **SE** Transaction Set Trailer

**Position:** 290

Loop:

Level: Detail
Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted

segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:** 

**Semantic Notes:** 

**Comments:** 1 SE is the last segment of each transaction set.

| M | Ref.<br><u>Des.</u><br>SE01 | Data <u>Element</u> 96 | Name Number of Included Segments  |       | ributes<br>N0 1/10 |
|---|-----------------------------|------------------------|---|-------|--------------------|
|   |                             |                        | Total number of segments included in a transaction set included SE segments   | ludin | ng ST and          |
| M | <b>SE02</b>                 | 329                    | Transaction Set Control Number  | M     | AN 4/9             |
|   |                             |                        | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set |       |                    |
|   |                             |                        | Cite the same number as the one cited in ST02.  |       |                    |